

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE 03/14/2011		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY Federal Aviation Administration Acquisition Management Branch, ANM-52 1601 Lind Ave SW Renton, WA 98057				7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				9A. AMENDMENT OF SOLICITATION NO. DTFANM-11-R-00062		
				9B. DATED (SEE ITEM 11)		
				10A. MODIFICATION OF CONTRACT/ORDER NO.		
*TO BE COMPLETED BY VENDOR IF NOT COMPLETE				10B. DATED (SEE ITEM 13)		
CODE		FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer is ☒ extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation on as amended, by one of the following methods:

(a) By completing Item 8 and 15, and returning 1 copies of the amendment; (b) acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hours and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14.
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. **IMPORTANT:** Contractor ☐ is not, ☒ is required to sign this document and return 1 copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
THE ABOVE REFERENCED SOLICITATION FOR THE LOCKER ROOM RENOVATION AT THE DENVER ARTCC IS AMENDED AS FOLLOWS:

-SEE ATTACHED FOR ANSWER TO QUESTIONS.

-SEE ATTACHED FOR CHANGES TO THE SCOPE OF WORK.

DUE DATE FOR OFFERS: MARCH 23RD 2011 AT 4PM PST.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LELANIE RIVERA	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

INSTRUCTIONS

Instructions for items other than those that are self-explanatory, are as follows:

(a) Item 1 (Contract ID Code). Insert the contract type identification code that appears in the title block of the contract being modified.

(b) Item 3 (Effective date).

(1) For a solicitation amendment, change order, or administrative change, the effective date shall be the issue date of the amendment, change order, or administrative change.

(2) For a supplemental agreement, the effective date shall be the date agreed to by the contracting parties.

(3) For a modification issued as an initial or confirming notice of termination for the convenience of the Government, the effective date and the modification number of the confirming notice shall be the same as the effective date and modification number of the initial notice.

(4) For a modification converting a termination for default to a termination for the convenience of the Government, the effective date shall be the same as the effective date of the termination for default.

(5) For a modification confirming the contracting officer's determination of the amount due in settlement of a contract termination, the effective date shall be the same as the effective date of the initial decision.

(c) Item 6 (Issued By). Insert the name and address of the issuing office. If applicable, insert the appropriate issuing office code in the code block.

(d) Item 8 (Name and Address of Contractor). For modifications to a contract or order, enter the contractor's name, address, and code as shown in the original contract or order, unless changed by this or a previous modification.

(e) Items 9, (Amendment of Solicitation No.- Dated), and 10, (Modification of Contract/Order No.- Dated). Check the appropriate box and in the corresponding blanks insert the number and date of the original solicitation, contract, or order.

(f) Item 12 (Accounting and Appropriation Data). When appropriate, indicate the impact of the modification on each affected accounting classification by inserting one of the following entries:

(1) Accounting classification
Net increase \$ _____

(2) Accounting classification
Net decrease \$ _____

NOTE: If there are changes to multiple accounting classifications that cannot be placed in block 12, insert an asterisk and the words "See continuation sheet."

(g) Item 13. Check the appropriate box to indicate the type of modification. Insert in the corresponding blank the authority under which the modification is issued. Check whether or not contractor must sign this document.

(h) Item 14 (Description of Amendment/Modification).

(1) Organize amendments or modifications under the appropriate Uniform Contract Format (UCF) section (if UCF used) headings from the applicable solicitation or contract. The UCF table of contents, however, shall not be set forth in this document.

(2) Indicate the impact of the modification on the overall total contract price by inserting one of the following entries:

(i) Total contract price increased by \$ _____

(ii) Total contract price decreased by \$ _____

(iii) Total contract price unchanged.

(3) State reason for modification.

(4) When removing, reinstating, or adding funds, identify the contract items and accounting classifications.

(5) When Template 11 is used to reflect a determination by the contracting officer of the amount due in settlement of a contract terminated for the convenience of the Government, the entry in Item 14 of the modification may be limited to -

(i) A reference to the letter determination; and

(ii) A statement of the net amount determined to be due in settlement of the contract.

(6) Include subject matter or short title of solicitation/contract where feasible.

(i) Item 16B. The contracting officer's signature is not required on solicitation amendments. The contracting officer's signature is normally affixed last on supplemental agreements.

RFO: DTFANM-11-R-00062

Locker Room Renovation at the Denver ARTCC in Longmont, CO

AMENDMENT 0002

****DUE DATE REMAINS MARCH 23RD AT 4PM PT.****

QUESTION #1: Is the fire alarm system a simplex system or is it a specialty system where a specific company has to work on it?

ANSWER: *The information is in specification 13850 section 1.4 Summary, paragraph A*

QUESTION #2: On A009 detail 5, it says to fur out the curtain wall 5' 3/8" tall ?

ANSWER: *No, it's actually 5- 3/8". However, that number is wrong. See the attached drawing revision.*

QUESTION #3: Do the heaters on the curtain wall get moved or demolished and what is their source, hot water?

ANSWER: *Please refer to the drawings.*

RFO: DTFANM-11-R-00062

Locker Room Renovation at the Denver ARTCC in Longmont, CO

AMENDMENT 0002

CHANGES TO THE SCOPE OF WORK

Electrical:

Sheet E001:

Revised Note 5: **Remove and replace** Card Reader cables back to the source "ACP 3A". Keep the Card Reader in service as long as possible. Re-use existing conduit. Field verifies existing path.

Revised Note 6: **Remove and replace** Camera's cables back to the source "SW-1".

Re-use existing conduit. Field verifies existing path.

Sheet E008:

Revised Note 6: Provide 4 inch core drill in new LAN closet to room B101. Install STI EZ path series 33 sleeve **or equal** in opening per manufacturer guild-lines. Field locates core drill location with FAA resident engineer.

Revised Note 12: Provide $\frac{3}{4}$ " thick x 4' long plywood backer board in the electrical chase. **The width of the plywood backer board is the width of the closet. Mount the plywood backer board at 2' above finish floor (bottom).**

Sheet E007:

Legend: Delete existing smoke detector symbol.

Delete existing combination horn/strobe symbol.

Sheet E009:

Add Note 4: **Route conduit to location of J-box for future card reader**

Mechanical:

Sheet M001: HVAC Demolition-First Floor

Sheet Note 4; add "Asbestos may be present. Take precautions including HEPA vac"

Sheet M002: HVAC Demolition-Above Ceiling

General Note D; AHU-330 should read AHU-320

Sheet M003: HVAC Installation-First Floor

General Note D; AHU-330 should read AHU-320

Sheet M004: HVAC Installation-Above Ceiling

General Note F; AHU-330 should read AHU-320

Sheet M006: HVAC Balancing

Sheet Note 1; AHU-330 should read AHU-320

SECTION 10511**METAL LOCKERS****PART 1 – GENERAL****1.01 SECTION INCLUDES**

- A. Standard Duty Knocked Down Lockers

1.02 SUBMITTALS

- A. Submit under provisions of Section 013300.
- B. Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Show the following:
 - 1. Dimensioned drawings including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates.
 - 2. Details of assembly, erection, anchorage and clearance requirements.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect locker finish and adjacent surfaces from damage.

PART 2 - PRODUCTS**2.01 MANUFACTURERS**

- A. Acceptable Manufacturer: Penco Products, Inc., which is located at: 2024 Cressman Rd. P. O. Box 158 ; Skippack, PA 19474-0158; Toll Free Tel: 800-562-1000; Tel: 610-666-0500; Fax: 610-666-7561; Email: General@PencoProducts.com; Web: www.pencoproducts.com or approved equal.
- B. Provide only metal lockers fabricated in the United States by a single domestic manufacturer.

Longmont, Colorado

2.02 MATERIALS

- A. Steel: Prime grade mild cold-rolled sheet steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A1008.
- B. Steel: Sheet steel components shall be fabricated using zinc-coated steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A879..
- C. Hooks: Zinc plated forged steel, ball ends.
- D. Bolts and Nuts: Zinc plated truss fin head bolts and hex nuts.

2.03 STANDARD DUTY LOCKERS

- A. Standard Duty Lockers:
 - 1. Acceptable Product: Penco Vanguard, knock-down lockers.
 - 2. Tops, Bottoms, Backs, Sides, and Shelves: 24 gauge sheet steel.
 - 3. Doors over 12 inches (305 mm) wide or 20 inches (760 mm) high: 16 gauge sheet steel.
 - 4. Doors less than 12 inches (305 mm) wide: 18 gauge sheet steel.
 - 5. Floor Support shall be 4 in” continuous Zee base.
- B. Locker Body: Steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
 - 1. Tops and bottoms with three sides formed 90 degrees, the front offset formed to be flush with horizontal frame member.
 - 2. Shelves with four sides formed to 90 degrees, front edge having a second bend.
 - 3. Hole spacing in locker body construction: Not exceeding 9 inches (225 mm).
 - 4. Form door frame members to a channel shape, not less than 16 gauge steel.
 - 5. Provide vertical door frame members with additional 3/8 inch (9.5 mm) flange as a continuous door strike.
 - 6. Mortise and tenon intermembering parts; electrically weld together in a rigid assembly capable of resisting strains.
 - 7. Securely weld cross frame members of channel shapes to vertical framing members to ensure rigidity, including intermediate cross frame on double and triple tier lockers.
 - 8. Optional factory assembly of locker bodies using rivets.
 - 9. Center partitions: 24 gauge steel vertical partitions, full depth between bottom and shelf.
- C. Locker Doors: One piece sheet steel.
 - 1. Multi-Point Latch Doors: Full channel formation of adequate depth to fully conceal lock bar on lock side, channel formation on hinge side, right angle formations across top and bottom, with holes for attaching number plates.
 - 2. Provide holes for attaching number plates.
 - 3. Ventilation: Provide louvered doors in manufacturer's standard louver pattern.
 - a. 36 inch (0.914 m) High Doors: 3 and 6 louvers.

Longmont, Colorado

- D. Hinges:
1. Two inch high, 0.074 inch (1.88 mm) thick sheet steel, double spun, full loop, tight pin, projection welded to door frame and securely fastened to the door with two steel rivets.
 - a. All doors: Two 2 inch (51 mm) high five-knuckle hinges.

2.04 DOOR HANDLES AND LATCHING

- A. Two Person Lockers, 2 Tier: Multi-point latching:
1. Chrome-plated zinc alloy die-cast case and handle, 40,000 psi (276 MPa) maximum tensile strength.
 2. Attachment to latch bar concealed inside door and tamperproof; pulling handle out shall move latch bar up and open door in one motion.
 3. Padlock Eye: For use with 9/32 inch (7.1 mm) diameter padlock, integral with handle and located so that extension of handle forms padlock strike.
 4. Case: Kick-proof type shielding movable part and providing padlock strike to prevent scratching and marring the door.
 5. Provide lock hole cover plate for use with padlocks.
 6. Latch Clip: Glass-filled nylon engaging the door frame and holding the door shut.
 - a. All Doors: Two points.
 7. Locking Device: Positive, automatic type, whereby locker may be locked when open, then closed without unlocking.
 8. Firmly secure one rubber silencer in frame at each latch hook.
 9. Classic III Multi-point latching with recessed handles:
 - a. Recess finger-lift control handle in door.
 - b. Pocket: 22 gauge brushed stainless steel securely fastened to door with two tabs and a positive tamper-resistant decorative fastener; of depth sufficient to prevent a combination padlock, built-in combination lock, or key lock from protruding beyond door face.
 - c. Provide lock hole cover plate for use with padlocks.
 - d. Attach 14 gauge formed steel lifting piece to latching channel with one concealed retaining lug and one rivet, assuring a positive two-point connection.
 - e. Handle finger lift: Molded, sound-deadening, attached with rivet; padlock eye for use with 9/32 inch (7.1 mm) diameter padlock shackle.
 - f. Latch Clip: Glass-filled nylon engaging the door frame and holding the door shut.
 - 1) Doors 20 inches (0.508 m) to 48 inches (1.22 m) high: Two points.
 - g. Locking Device: Positive, automatic type, whereby locker may be locked when open, then closed without unlocking.
 - h. Firmly secure one rubber silencer in frame at each latch hook.

2.05 INTERIOR EQUIPMENT

- A. ADA-Compliant Lockers (Recessed Handles with Multi-Point Latch):
1. Single Tier Lockers: Hat shelf 48 inches (1.219 m) maximum off the floor.
 2. Locker Bottom: Minimum of 9 inches (230 mm) off the floor, or an extra shelf placed 9 inches (230 mm) off the floor for side access or minimum of 15 inches (381 mm) off the floor for front access.

Longmont, Colorado

3. Handicapped symbol attached to door.
4. Hooks and rods as specified for other lockers.

2.06 ACCESSORIES

- A. Number Plates: Provide each locker with a polished aluminum number plate, 2-1/4 inches (57 mm) wide by 1 inch (25 mm) high, with black numerals not less than 3/8 inch (9.5 mm) high; attach to face of door with two aluminum rivets.
- B. Continuous Sloped Hoods: 18 gauge steel, slope rise equal to 1/3 of the locker depth (18.5 degrees), plus a 1 inch (25 mm) vertical rise at front.
 1. Supplied in 72 inch (1829 mm) lengths only.
 2. Slip joints without visible fasteners at splice locations.
 3. Provide necessary end closures.
 4. Finish to match lockers.
- C. Finished End Panels: Minimum 16 gauge steel formed to match locker depth and height, 1 inch (25 mm) edge dimension; finish to match lockers; install with concealed fasteners.
- D. Front Fillers: 20 gauge steel formed in an angle shape, with 20 gauge slip joint angles formed in an angle shape with double bend on one leg forming a pocket to provide adjustable mating with angle filler.
 1. Attachment by means of concealed fasteners.
 2. Finish to match lockers.
- E. Zee Bases for Knock-Down Lockers: 14 gauge, steel flanged outward at top for support of lockers, flanged inward at bottom for anchoring to floor.
 1. Height: 4 inches (101 mm).
- F. Recess Trim: 18 gauge steel, 3 inch (75 mm) face dimension.
 1. Vertical and/or horizontal as required.
 2. Standard lengths as long as practical.
 3. Attach to lockers with concealed clips.
 4. Provide necessary finish caps and splices.
 5. Finish to match lockers.

2.07 FABRICATION

- A. Fabricate lockers square, rigid, without warp, with metal faces flat and free of distortion.
- B. Knock-Down Lockers: Fabricate lockers on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves, with common intermediate divisions separating compartments. Verify dimensions and arrangement before fabrication.
- C. Finish: Enamel powder coat paint finish electrostatically applied and properly cured to manufacturer's specifications for optimum performance. Finishes containing volatile organic compounds and subject to out-gassing are not acceptable. Locker exterior and interior shall be painted the same color.
 1. Powder Coat - Dry Thickness: 1 to 1.2 mils (0.025 to 0.03 mm).

Longmont, Colorado

2. Powder Coat Plus - Dry Thickness: 2 to 2.2 mils (0.05 to 0.055 mm).
3. Color: As selected from manufacturer's standard colors.

PART 3 – EXECUTION**3.01 EXAMINATION**

- A. Do not begin installation until substrates and bases have been properly prepared.

3.02 INSTALLATION

- A. Install metal lockers and accessories at locations shown in accordance with manufacturer's instructions and configuration drawings provided by the Contractor.
- B. Install lockers plumb, level, and square.
- C. Anchor lockers to floor and wall at 48 inches (1.219 m) or less, as recommended by the manufacturer.
- D. Bolt adjoining locker units together to provide rigid installation.
- E. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.

3.03 ADJUSTING AND CLEANING

- A. Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.
- C. Touch-up with factory-supplied paint and repair or replace damaged products before Substantial Completion.

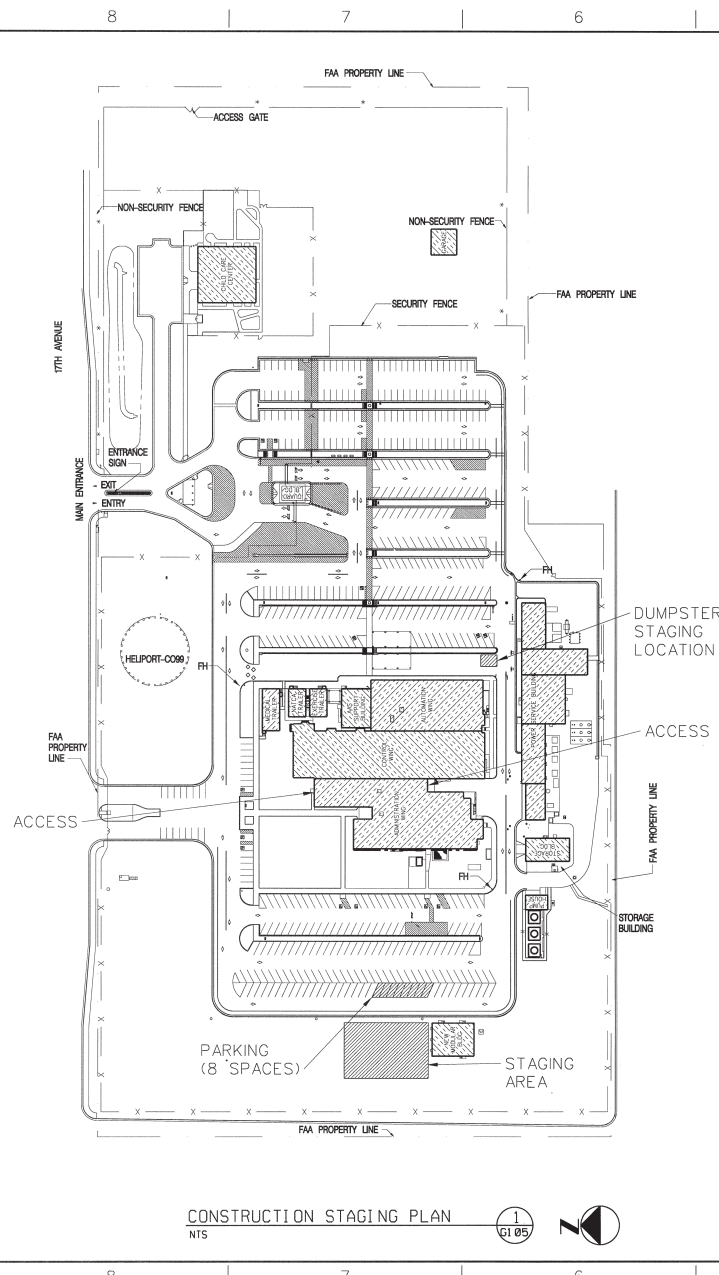
3.04 PROTECTION

- A. Protect installed products until completion of project.

END OF SECTION

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GENERAL LEGEND		ARCHITECTURAL LEGEND		FIRE DETECTION		GENERAL NOTES																																									
<p>REFERENCE</p> <p>COLUMN LINE GRID DESIGNATION</p> <p>BREAK LINES</p> <p>MATCH LINE SYMBOL</p> <p>ELEVATION SYMBOL</p> <p>ELEVATION SYMBOL (PLANS)</p> <p>OUTLINE OF OBJECT ABOVE OR BEYOND</p> <p>DETAIL NUMBER</p> <p>DETAIL TITLE REFERENCE</p> <p>SHEET ON WHICH DETAIL IS DRAWN OR SCHEDULED</p> <p>SECTION DESIGNATION</p> <p>SECTION TITLE REFERENCE</p> <p>SHEET ON WHICH SECTION IS DRAWN</p> <p>DETAIL DESIGNATION</p> <p>DETAIL REFERENCE</p> <p>SHEET ON WHICH DETAIL IS DRAWN</p> <p>SECTION DESIGNATION</p> <p>SECTION CUT</p> <p>SHEET ON WHICH SECTION IS CUT</p> <p>SECTION DESIGNATION</p> <p>PARTIAL SECTION CUT</p> <p>SHEET ON WHICH SECTION IS CUT</p> <p>ELEVATION DESIGNATION</p> <p>ELEVATION REFERENCE</p> <p>SHEET ON WHICH ELEVATION IS DRAWN</p> <p>ELEVATION NUMBER</p> <p>INTERIOR ELEVATION DESIGNATION</p> <p>DARKENED ARROW INDICATES ELEVATION SHOWN</p> <p>GRAPHIC SCALE</p> <p>NORTH ARROW</p> <p>ROOM NAME & NUMBER</p> <p>EXISTING WORK, UON</p> <p>NEW WORK, UON</p> <p>DEMOLITION BY CONTRACTOR, UON</p>		<p>REFERENCE (CONT)</p> <p>SHEET NOTE NUMBER</p> <p>HAZMAT NOTE, ASBESTOS & PCB REFER TO HAZMAT DWG FOR SPECIFIC INFORMATION</p> <p>HAZMAT NOTE, LEAD PAINT REFER TO HAZMAT DWG FOR SPECIFIC INFORMATION</p> <p>SYMBOLS</p> <p>CONTRACTOR'S ACCESS ROUTE</p> <p>CEILING HEIGHT DESIGNATION</p> <p>METAL STUD WALL</p> <p>RAISED FLOOR PANELS</p> <p>ACOUSTICAL PANEL CEILING (APC)</p> <p>SURFACE MOUNTED LIGHT FIXTURE</p> <p>SUPPLY AIR CEILING DIFFUSER</p> <p>RETURN AIR CEILING REGISTER</p> <p>TRANSFER AIR GRILLE</p> <p>FIRE EXTINGUISHER</p> <p>FIRE EXTINGUISHER CABINET W/ FIRE EXTINGUISHER</p> <p>LAVATORY</p> <p>URINAL</p> <p>WATER CLOSET</p> <p>TEMPORARY DUST PROOF PARTITION WITH DOOR</p> <p>DOOR NUMBER</p> <p>WINDOW NUMBER</p> <p>PARTITION TYPE</p> <p>MATERIALS</p> <p>EARTH</p> <p>CONCRETE</p> <p>METALS</p> <p>GYPSUM</p> <p>WOOD</p> <p>PLYWOOD</p> <p>OTHER</p> <p>ACoustical WALL PANEL</p>		<p>SMOKE DETECTOR</p> <p>SMOKE DETECTOR ABOVE THE CEILING</p> <p>EL</p> <p>DH</p> <p>HEAT DETECTOR</p> <p>WALL MOUNTED STROBE (XX DENOTES CANDELA RATING)</p> <p>CEILING MOUNTED HORN/STROBE (XX DENOTES CANDELA RATING)</p> <p>WALL-MOUNTED COMBINATION HORN/STROBE (XX DENOTES CANDELA RATING)</p> <p>MANUAL PULL STATION</p> <p>INDICATOR LIGHT</p> <p>ADDRESSABLE INTERFACE DEVICE</p> <p>ADDRESSABLE CONTROL DEVICE</p> <p>DUCT SMOKE DETECTOR</p> <p>FIRE ALARM CONTROL PANEL</p> <p>FIRE ALARM ANNUNCIATOR PANEL</p> <p>TAMPER SWITCH</p> <p>DEVICE TO BE DEMOLISHED</p> <p>DOOR HOLDER</p> <p>BEAM DETECTOR</p> <p>R INDICATES RECEIVER</p> <p>T INDICATES TRANSMITTER</p>		<p></p>																																									
						<p>FOR OFFICIAL USE ONLY PUBLIC AVAILABILITY TO BE DETERMINED UNDER 5 USC 552</p> <table><tr><td>REV</td><td>DATE</td><td>DESCRIPTION</td><td>CH</td><td>REVISION DATE</td><td>APPROVED</td></tr><tr><td>A</td><td>3/5/2011</td><td>REMOVED GENERAL NOTE 1</td><td></td><td></td><td></td></tr></table> <p>DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS WESTERN SERVICE AREA</p> <p>ARTCC LOCKER ROOM RENOVATION LEGENDS</p> <table><tr><td>DENVER</td><td>SUBMITTED BY</td><td>LONGMONT</td><td>CO</td></tr><tr><td>REVIEWED BY</td><td>WILLIAM MORENO JR.</td><td>APPROVED BY</td><td>JAYANTHI R. SANGANI</td></tr><tr><td>PROJECT ARCHITECT</td><td>ENGINEERING SERVICES</td><td>DATE</td><td>01/10/2011</td></tr><tr><td>DESIGNED</td><td>WAM</td><td>ISSUED BY</td><td>ENGINEERING SERVICES</td></tr><tr><td>DRAWN</td><td>WAM</td><td>ENROUTE</td><td>ENGINEERING SERVICES</td></tr><tr><td>CHECKED</td><td>WAM</td><td>DRAWING NO</td><td>907020</td></tr><tr><td></td><td></td><td>DRAWING NO</td><td>ZDV-907020-0003</td></tr></table>		REV	DATE	DESCRIPTION	CH	REVISION DATE	APPROVED	A	3/5/2011	REMOVED GENERAL NOTE 1				DENVER	SUBMITTED BY	LONGMONT	CO	REVIEWED BY	WILLIAM MORENO JR.	APPROVED BY	JAYANTHI R. SANGANI	PROJECT ARCHITECT	ENGINEERING SERVICES	DATE	01/10/2011	DESIGNED	WAM	ISSUED BY	ENGINEERING SERVICES	DRAWN	WAM	ENROUTE	ENGINEERING SERVICES	CHECKED	WAM	DRAWING NO	907020			DRAWING NO	ZDV-907020-0003
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CONSTRUCTION STAGING PLAN
NTS

CONSTRUCTION STAGING PLAN NOTES:

THE FOLLOWING NOTES AND ACCOMPANYING "CONSTRUCTION STAGING PLAN" REPRESENT MANY OF THE MAJOR REQUIREMENTS STATED IN "DIVISION I - GENERAL REQUIREMENTS" OF THE SPECIFICATIONS. THESE NOTES PARAPHRASE DIVISION I REQUIREMENTS AND ARE NOT INTENDED TO MODIFY OR REPLACE ANY DIVISION I REQUIREMENTS.

CONSTRUCTION ACCESS, CONTRACTORS PARKING, CONSTRUCTION OFFICES AND THE EXTENT/SIZE OF THE CONSTRUCTION STAGING AREA MUST BE COORDINATED WITH COR; PARTICULARLY IN REGARDS TO OTHER WITH ONGOING PROJECTS.

A. CONSTRUCTION ACCESS

- A.1 CONTRACTOR'S VEHICLES, PEDESTRIANS AND ALL DELIVERIES TO THE SITE SHALL BE THROUGH THE MAIN FAA SECURITY GATE. THIS GATE IS MANNED 24 HOURS A DAY.
- A.2 ALL DELIVERIES SHALL BE SCHEDULED IN ADVANCE WITH COR AND AT TIMES OTHER THAN THE FAA EMPLOYEE SHIFT CHANGES TO AVOID CONGESTION. FAA SHIFT CHANGES OCCUR FROM 6:30 AM TO 8:00 AM AND FROM 2:30 PM TO 4:00 PM.
- A.3 THE CONTRACTOR SHALL PROVIDE SIGNAGE TO INDICATE THE ACCESS ROUTE FOR CONSTRUCTION EMPLOYEES AND DELIVERIES ON THE SITE. PROVIDE NECESSARY BARRICADES, LIGHTS, SIGNAGE AND FENCING TO PROTECT, WARN AND DIRECT ALL PERSONS NEAR THE CONSTRUCTION AREAS.
- A.4 CONTRACTOR'S ACCESS TO THE BUILDING SHALL BE LIMITED TO THE LOCATIONS APPROVED BY COR. FREIGHT ELEVATOR WILL BE USED ONLY WITH COR APPROVAL FOR LARGE OR HEAVY EQUIPMENT.
- A.5 CONTRACTOR SHALL KEEP LOADING DOCK AND CAFETERIA ACCESSIBLE AT ALL TIMES FOR FAA DELIVERIES, WHERE POSSIBLE.

B. CONTRACTOR PARKING

- B.1 ALL CONTRACTOR PARKING ON SITE SHALL BE AS SHOWN ON CONSTRUCTION STAGING PLAN, AND APPROVED BY COR.
- B.2 ADDITIONAL PARKING, IF NECESSARY SHALL BE OFF SITE AND COORDINATED BY THE CONTRACTOR
- B.3 PROVIDE SIGNAGE AS NECESSARY TO RESERVE THIS AREA FOR CONTRACTOR PARKING ONLY.

C. FAA SECURITY REQUIREMENTS

- C.1 AN ADVANCE LIST OF CONSTRUCTION PERSONNEL SHALL BE PROVIDED TO THE COR. TEMPORARY SECURITY BADGES WILL BE ISSUED TO CONSTRUCTION PERSONNEL. EACH CONSTRUCTION EMPLOYEE SHALL CHECK IN AND OUT AT THE MAIN GATE. THE CONTRACTOR SUPERVISORY PERSONNEL SHALL BE RESPONSIBLE FOR THE CONDUCT OF THEIR PERSONNEL WHILE ON SITE. ALL CONTRACTORS' VEHICLES SHALL BE MARKED AS SUCH.
- C.2 THE SITE IS A SECURE AREA. ACCESS FOR ALL CONSTRUCTION PERSONNEL IS LIMITED TO THE CONSTRUCTION AREA AND DESIGNATED ACCESS ROUTES AT ALL TIMES.
- C.3 FAA APPROVED ESCORTS ARE REQUIRED FOR CONSTRUCTION PERSONNEL WORKING WITHIN THE FACILITY. COORDINATE ALL WORK WITH COR.
- C.4 THE CONTRACTOR SHALL USE GREAT CARE AND CAUTION WHILE WORKING WITHIN THE FACILITY. ALL WORK MUST BE COORDINATED WITH COR. DISRUPTION OF THE SERVICES OF THIS FACILITY WILL NOT BE PERMITTED.

D. CONSTRUCTION MATERIAL STORAGE

- D.1 STORAGE OF CONSTRUCTION MATERIALS AND TRAILERS ON THE SITE SHALL BE LIMITED TO THE CONSTRUCTION STAGING AREAS. MATERIALS SHALL BE NEATLY STORED AND PROTECTED AT ALL TIMES. A CONSTRUCTION FENCE SHALL BE INSTALLED AT THE DIRECTION OF THE COR. CONTRACTOR SHALL DO NO DIGGING WITHOUT PERMISSION FROM COR. BURIED CABLES (UNDERGROUND UTILITIES) RUN THROUGH THE STAGING AREA AND ELSEWHERE.
- D.2 THE CONSTRUCTION STAGING AREA'S EXACT SIZE AND LOCATION SHALL BE DETERMINED AT THE PRECONSTRUCTION CONFERENCE BY THE FAA. REFER TO CONSTRUCTION STAGING PLAN FOR APPROXIMATE INFORMATION.

E. CONSTRUCTION DEBRIS

- E.1 ENCLOSED DUMPSTERS FOR DISPOSAL OF CONSTRUCTION DEBRIS SHALL BE PROVIDED BY THE CONTRACTOR WITHIN THE STAGING AREA. THE AREAS AROUND THE DUMPSTERS SHALL BE KEPT CLEAN AND FREE OF EXCESS DEBRIS AND DUST DURING CONSTRUCTION. ALL DEBRIS SHALL BE REMOVED BY CONTRACTOR.

F. CONSTRUCTION OFFICE

- F.1 TEMPORARY CONTRACTOR TRAILER SHALL BE LOCATED IN THE CONSTRUCTION STAGING AREA, AS SHOWN ON DRAWING. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE, POWER AND WATER FOR THE OFFICE TRAILER.

G. CONSTRUCTION TOILET FACILITIES

- G.1 PORTABLE CHEMICAL TOILETS SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED WITHIN THE CONSTRUCTION STAGING AREA AT THE CONTRACTOR'S EXPENSE.

H. DEMOLITION AND CONSTRUCTION HOURS

- H.1 THE CONTRACTOR SHALL NOT INTERFERE WITH THE AIR TRAFFIC CONTROL FUNCTION OF THE FACILITY. DEMOLITION AND CONSTRUCTION NOISE MUST BE MINIMIZED BETWEEN 7:00 AM AND 8:30 PM.
- H.2 NOT USED.
- H.3 SCHEDULE ALL NOISY DEMOLITION IN ADVANCE WITH THE COR.
- H.4 CONCRETE SAWING, CORE DRILLING, CONCRETE DEMOLITION AND ANCHOR DRILLING WILL BE PERFORMED IN A DUST FREE MANNER BETWEEN THE HOURS OF 10:00 PM AND 2:00 AM ONLY AT PREARRANGED TIMES APPROVED BY THE COR.

I. PARKING LOT DRIVEWAY AND LAWN AREA REPAIR

- I.1 UPON COMPLETION OF WORK THE CONTRACTOR SHALL REPAIR ALL PAVED SURFACES, DAMAGED BY CONSTRUCTION ACTIVITIES, TO ORIGINAL CONDITION.
- I.2 LAWN AREAS DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE RESTORED TO ORIGINAL CONDITION.

J. HAZARDOUS MATERIAL

- J.1 AREAS IN THE BUILDINGS CONTAINS ASBESTOS.
- J.2 ASBESTOS RELATED INFORMATION FOR THE ARTCC IS AVAILABLE FROM THE COR. DURING THE DESIGN PHASE AND FROM INFORMATION COLLECTED BY SVERDRUP ENVIRONMENTAL CORPORATION. CONTACT THE COR FOR CURRENT STATUS.

K. EQUIPMENT PROTECTION

- K.1 IT IS ABSOLUTELY MANDATORY THAT THE CONTRACTOR PROTECT ALL NEW AND EXISTING FAA COMMUNICATION, ELECTRICAL AND MECHANICAL EQUIPMENT, BOTH INSIDE AND OUTSIDE THE BUILDING FROM DAMAGE CAUSED BY IMPACT, WATER, DEBRIS OR DUST. THE FAA SHALL HAVE 24 HOUR ACCESS TO THE PROTECTED EQUIPMENT.
- K.2 NOT USED.
- K.3 THE ARTCC IS A 24 HOUR A DAY, 7 DAY PER WEEK OPERATING FACILITY. IT WILL BE NECESSARY TO COORDINATE ALL CONSTRUCTION ACTIVITY SO AS NOT TO INTERFERE WITH THE FUNCTIONS OF THE ARTCC.
- K.4 NO WELDING AND TORCH CUTTING EQUIPMENT SHALL BE POWERED BY THE FACILITY ELECTRICAL SYSTEM. WELDING AND TORCH CUTTING SHALL BE CONDUCTED WITH SMOKE MINIMIZING METHODS. COR APPROVAL SHALL BE GAINED BEFORE WELDING AND TORCH CUTTING.
- K.5 CONTRACTOR SHALL RECEIVE PERMISSION FROM COR/RESIDENT ENGINEER BEFORE USING POWER SUPPLIES DURING THE WORK.

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PUBLIC AVAILABILITY TO BE DETERMINED UNDER 5 USC 552

REVISED DATE	DESCRIPTION	JOH	REALINE DATE	APPROVED
A 3/3/2011	REVISED NOTE C.3			

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS WESTERN SERVICE AREA

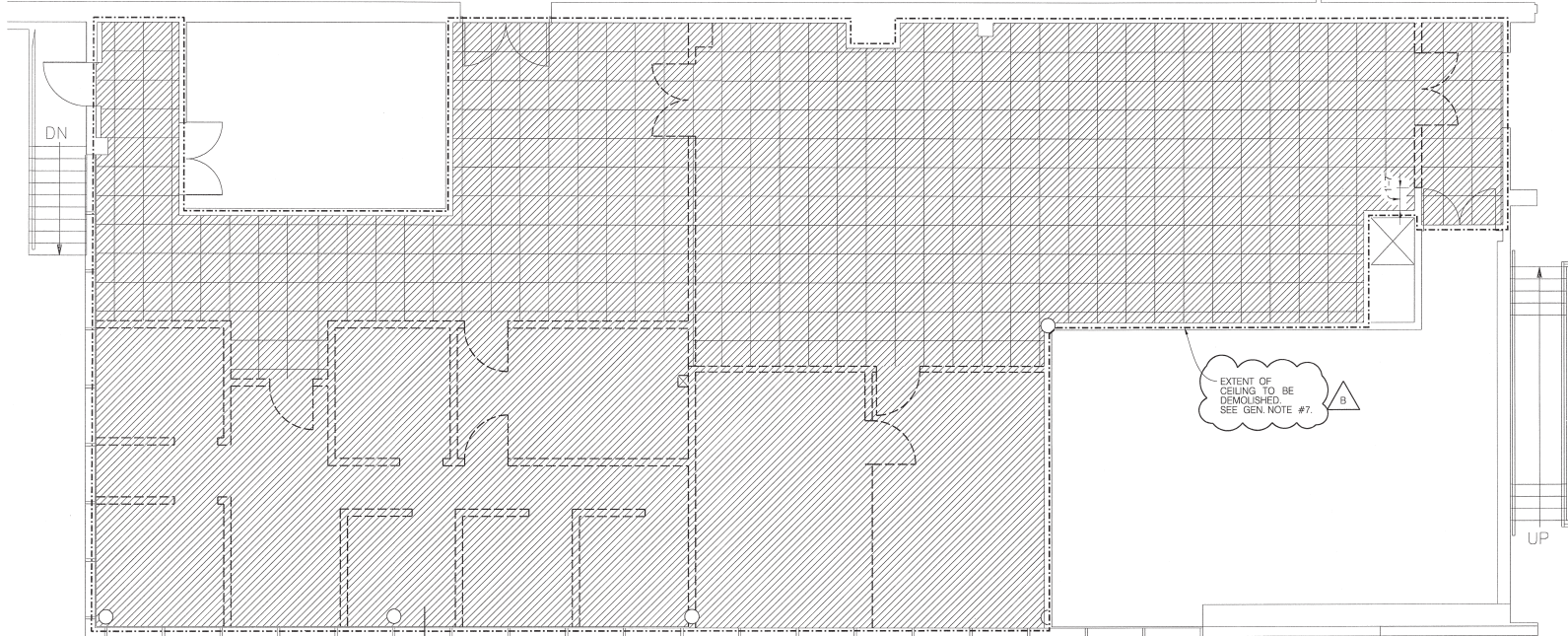
ARTCC
LOCKER ROOM RENOVATION
CONSTRUCTION STAGING PLAN

DENVER	LONGMONT	CO
REVIEWED BY	SUBMITTED BY	APPROVED BY
	WILLIAM MORENO JR.	JAY R. SANGANI
PROJECT ARCHITECT	DESIGNED BY	ISSUED BY
	WAM	MGR: ENGINEERING - SEATTLE
DRAWN	DATE	01/10/2011
CHECKED	ENGINEERING SERVICES	DRAWING NO
	ENROUTE	907020
		REV
		A

DENVER 907020-G006

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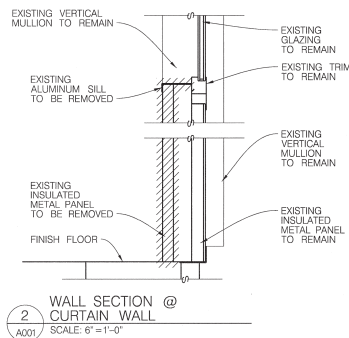
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LOCKER ROOM AREA DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

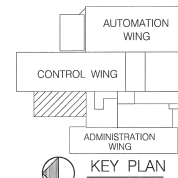
GENERAL DEMOLITION NOTES

- EXISTING WALL SURFACES ADJACENT TO OR IN THE SAME ROOM OR SPACE WITH NEW CONSTRUCTION SHALL BE TREATED TO MATCH ADJACENT NEW CONSTRUCTION.
 - REMOVE EXISTING CARPET AND VINYL COMPOSITION TILE AND PREPARE CONCRETE SURFACE TO RECEIVE NEW VINYL COMPOSITION TILE AND CARPETING.
 - REMOVE ALL WINDOW SHADES AND SHADE HARDWARE.
 - REMOVE ALL DIRT AND DEBRIS AND CLEAN ALL WINDOW ALUMINUM FRAMES, MULLIONS AND GLASS (INTERIOR) AT ALL EXISTING CURTAIN WALLS SHOWN ON THE DRAWINGS.
 - REMOVE ALL RUBBER WALL BASE AFFECTED BY DEMOLITION OF ALL FLOORING MATERIALS INCLUDING AREAS BEYOND FLOORING TO BE REMOVED THAT MIGHT BE AFFECTED BY THE WORK.
 - CONTRACTOR SHALL MAINTAIN THE EXISTING CURTAIN POCKET AND ALL STRUCTURAL ELEMENTS ASSOCIATED WITH THE CURTAIN POCKET IN PLACE. THE NEW SUSPENDED CEILING SHALL BE INSTALLED AT THE SAME ELEVATION AND MANNER AS THE EXISTING CEILING TO BE REMOVED. ANY FASTENERS OR ADDITIONAL BRACING NECESSARY TO SUPPORT OR STRENGTHEN THE CURTAIN POCKET IN ORDER TO PROVIDE A SECURE AND PERMANENT INSTALLATION IN CONJUNCTION WITH THE NEW CEILING SHALL BE PROVIDED AS PART OF THE WORK.
 - REMOVE EXISTING PLASTER CEILING AND ALL SUPPORTING STRUCTURE. SEE ELECTRICAL AND MECHANICAL DEMOLITION SHEETS FOR ADDITIONAL DEVICES TO BE DEMOLISHED.
- DUST BARRIERS AND STAGING:
- CONTRACTOR SHALL PROVIDE DUST BARRIERS MAINTAINED AT ALL TIMES TO PREVENT INTRUSION OF CONSTRUCTION DUST AND DEBRIS FROM ENTERING THE FACILITY THROUGH DOUBLE DOORWAY TO THE MAIN CORRIDOR. THE DOUBLE DOOR TO THE M-1 ROOM AND THE FLOORS OR CEILINGS.



LEGEND

- WALLS / DOORS TO BE REMOVED
- ACM FLOORING CONTAINING VCT AND ADHESIVE TO BE REMOVED
- CARPET TO BE REMOVED
- EXTENTS OF CEILING TO BE REMOVED



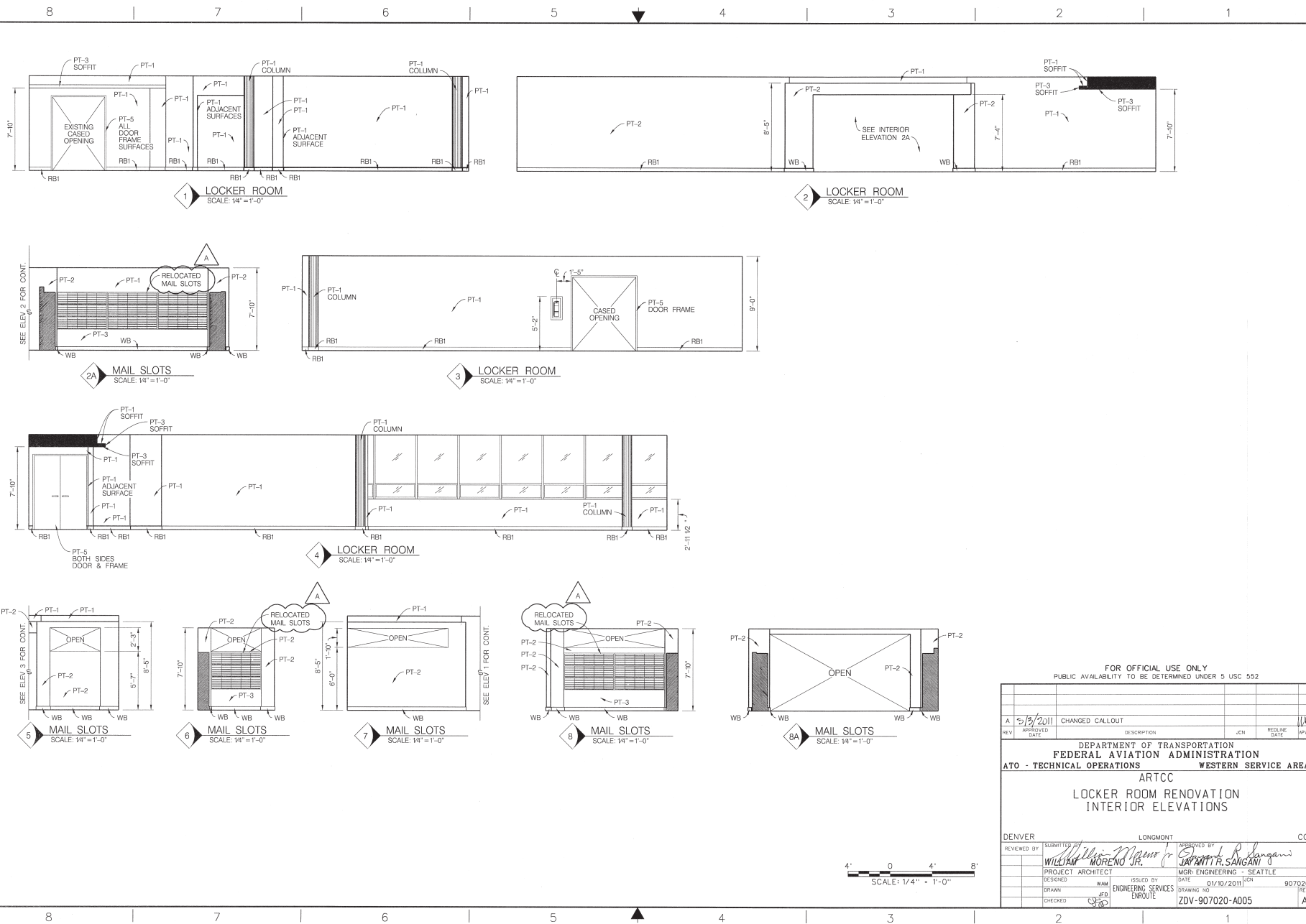
4' 0 4' 8'
SCALE: 1/4" = 1'-0"

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REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APPROVED				
B	5/3/2011	REVISED LEGEND AND CEILING DEMO NOTE.							
A	01/11/2011	ADDED VCT ADHESIVE UPDATE TO LEGEND							

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS				WESTERN SERVICE AREA	
ARTCC LOCKER ROOM RENOVATION FLOOR DEMOLITION PLAN					
DENVER		LONGMONT		CO	
REVIEWED BY	SUBMITTED BY		APPROVED BY		
	WILLIAM MORENO JR.		JAYANTHI S. SANGANI		
PROJECT	ARCHITECT	DATE	01/10/2011 JCN		
DRAWN	ENGINEERING SERVICES	DRAWING NO	907020		
CHECKED	ENROUTE	REV	B		

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ISSUED FOR CONSTRUCTION



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PUBLIC AVAILABILITY TO BE DETERMINED UNDER 5 USC 552					
REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APPROVED
A	01/10/2011	CHANGED CALLOUT			
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS WESTERN SERVICE AREA ARTCC LOCKER ROOM RENOVATION INTERIOR ELEVATIONS					
DENVER		LONGMONT		CO	
REVIEWED BY	SUBMITTED BY		APPROVED BY		
	WILLIAM MORENO JR.		JAYANTHI SANGANI		
PROJECT ARCHITECT	ISSUED BY		DATE		
	ENGINEERING SERVICES		01/10/2011		
DRAWN	CHECKED		DRAWING NO		907020
	ENROUTE		ZDV-907020-A005		

